

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible.
Absorb remainder of spill with inert material; scoop up and dispose to proper container.

DO NOT ALLOW SPILLS or RUNOFF TO CONTAMINATE STREAMS, LAKES, or RIVERS.
ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT: May cause conditions from irritation to burns. Severe irritation or chemical burn may occur if not irrigated immediately (within seconds of contact). Elevated temperatures increase chemical hazard as well as introduce a thermal hazard in all areas of contact.
SKIN CONTACT: Prolonged contact of dilute solutions may cause chemical burns of the skin. It may not produce an immediate sensation. Hydrogen fluoride component may penetrate skin and affect bone tissue before immediately burning or irritating skin.
INHALATION:..... Aspiration of fumes and mists of heated solutions causes burns of respiratory system.
INGESTION: Can cause severe corrosion of mucosal surfaces.
EFFECTS OF OVEREXPOSURE: Individuals with preexisting diseases of the lungs may have increased susceptibility to the toxicity of excessive exposures to fumes. Severe overexposure by contact may result in serious chemical burns. None of the ingredients contained in this product are considered carcinogens.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes (industry safety standard for all materials)separating eyelids with fingers. Seek medical attention if irritation persists.
SKIN:..... Flush with water; wash with soap and water after handling.
INHALATION:..... Remove to fresh air. Get medical assistance if irritation persists.
INGESTION: DO NOT INDUCE VOMITING - Seek medical attention. Give several glasses of water to drink to dilute. Never give anything by mouth to an unconscious person.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION:..... External preferred. Local exhaust sufficient if exposure limits are not exceeded. If misting is anticipated, provide suitable ventilation to maintain levels below established exposure limits.
RESPIRATORY PROTECTION: None normally required; NIOSH approved respirator for mist conditions.
PROTECTIVE CLOTHING:..... Chemical resistant gloves when mixing or handling. Protective gear sufficient to prevent personal contact.
EYE PROTECTION:..... Tight fitting or chemical workers goggles.

-- SECTION 10 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or allow to contact skin. Wash contaminated clothing prior to re-use. Be mindful of contact with shoes and dispose if contaminated. Often, burning sensations are not immediately evident. Prolonged contact leads to more severe irritation or burns. Do not allow contact with chlorine or other oxidizers as toxic gases may be produced.

D.O.T.: Shipping Information: Shipping Name: Compounds, Cleaning Liquid, n.o.s., (hydrogen fluoride), 8, UN1760, PG II
 Hazard Class: 8, Corrosive Liquid
 Emergency Response: ERG - 154 (1996)

Empty Containers: Do not re-use empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for a reconditioner, empty each drum as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations do not permit transport of open or partially filled containers.

TSCA - The ingredients in this material are listed on the TSCA Inventory.
SARA Title III Information (for hydrogen fluoride as a component of this material): A) Sections 311/312 - acute, reactive; B) Section 313 - Listed; C) Section 302 - Listed as an Extremely Hazardous Substance. Toxic Chemicals list; Hazard Classifications: Acute - Yes; Chronic - Yes; Reactivity - Yes; Pressure - No; Fire - No. Specific hazard is by contact with skin or eyes, as it is corrosive to body tissues.
IARC - Product is not carcinogenic.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL= Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

The information herein is given in good faith, but no warranty, express or implied, is made.